CONTENTS

No. 1—September

PAGE

WYNNE, KATHERINE M. and M. MOORE. Small-scale isolation and characterization of human peripheral blood monocytes 1

PAPADIMITRIOU, J. M. An assessment of the surface charge of single resident and exudate macrophages and multinucleate giant cells 17

DIXON, A. JANE and J. BURNS. Ultrastructural localisation of fibronectin in mouse kidney 25

HWANG, W. S., C. L. TREVENEN, C. GREENBERG and M. H. REED. Chondro-osseous changes in cerebro-oculo-facial-skeletal (COFS) syndrome 33

UNDERWOOD, J. C. E., T. E. DURRANT and A. J. COUP. X-ray microanalysis of the Michaelis-Gutmann bodies of malakoplakia 41

SYNOPSES OF PAPERS 49

No. 2—October

ISHMAEL, J., IONA PRATT and E. A. LOCK. Necrosis of the para recta (S segment of the rat kidney produced by hexachloro 1:3 butadiene 99

HEATH, DONALD, PAUL SMITH and ROSS JAGO. Hyperplasia of the carotid body . . . 115

CULLEN, M. J. and J. J. FULTHORPE. Phagocytosis of the A band following Z line, and I band loss. Its significance in skeletal muscle breakdown 129

DAVILA DE ARRIAGA, ANA, J., A. S. ROCHA, P. H. YASUDA and T. DE BRITO. Morpho-functional patterns of kidney injury in the experimental leptospirosis of the guinea-pig (*L. icterohaemorrhagiae*) 145

BLAIR, JANE T., A. W. THOMSON, P. H. WHITING, R. J. L. DAVIDSON and J. G. SIMPSON. Toxicity of the immune suppressant cyclosporin A in the rat 163

MAYHEW, T. M., F. H. WHITE and K. GOHARI. Towards economy of effort in quantitative ultrastructural pathology: Efficient sampling schemes for studying experimental carcinogenesis 179

No. 3—November

PAGE

HUBMANN, F.-H. Proctitis cystica profunda and radiation fibrosis in the rectum of the female wistar rat after X irradiation: a histopathological study 193

JAGO, ROSS., DONALD HEATH and PAUL SMITH. Structure of the glomic arteries . . . 205

NARAYANAN, R. B., P. BADENOCH-JONES, JILL CURTIS and J. L. TURK. Comparison of mycobacterial granulomas in guinea-pig lymph nodes 219

POUNDER, DERRICK J. and A. S. PIETERSE. Tracheopathia osteoplastica: a study of the minimal lesion 235

AOZASA, K. and A. INOUE. Malignant histocytosis presenting as lethal midline granuloma: immunohistological study 241

ELEY, B. M. Tissue reactions to implanted dental amalgam, including assessment by energy dispersive X-ray micro-analysis 251

MORRISON, W. I., MAX MURRAY and C. A. HINSON. The response of the murine lymphoid system to a chronic infection with *Trypanosoma congolense*. II. The lymph nodes, thymus and liver 273

No. 4—December

DUMONDE, D. C., MELANIE S. PULLEY, F. J. PARADINAS, BARBARA M. SOUTHCOTT, D. O'CONNELL, M. R. G. ROBINSON, F. DEN HOLLANDER and A. H. SCHUURS. Histological features of skin reactions to human lymphoid cell line lymphokine in patients with advanced cancer 289

PARADINAS, F. J., BARBARA M. SOUTHCOTT, D. O'CONNELL, F. DEN HOLLANDER, A. H. SCHUURS, MELANIE S. PULLEY and D. C. DUMONDE. Changes induced by local injection of human lymphoid cell lymphokine into dermal metastases of breast carcinoma: A light and electron microscopical study 309

WOODROW, D., P. RONCO, Y. RIVIERE, J. MOSS, I. GRESSER, J. C. GUILLON, L. MOREL-MAROGER, J. C. SLOPER and P. VERROUST. Severity of glomerulonephritis induced in different strains of suckling mice by infection with lymphocytic choriomeningitis virus: Correlation with amounts of endogenous interferon and circulating immune complexes 325

GREGORY, M. A., P. J. OLMESDAHL and I. D. WHITTON. An ultrastructural study of the origin and function of basophilic degeneration in human cardiac muscle–cardiac colloid. Type 1 337

SIVAN, YAACOV, BENJAMIN GRIFFEL, ORA MEDALIA and MOSHE ARONSON. Comparative histology of the mouse bladder following initial infection and re-infection with *Escherichia coli* 353

LAWRENCE, GILLIAN M. and D. B. BREWER. Studies on the relationship between proteinuria and glomerular ultrastructural change in hyperalbuminaemic female Wistar rats 365

NOTICE 384